

ABSTRACT

The present invention provides a plasma display panel (10), which includes a panel unit (100) containing a large number of discharge cells (103), a heat sink unit (300) bonded along a back substrate (105) of the panel unit for dissipating heat generated by the panel unit, and a thermal interface (200) interposed between the panel unit and the heat sink unit for connecting the panel unit and the heat sink unit. The thermal interface is made of a thermal interface material including carbon nanotubes. The heat sink unit includes a substrate (302) and a plurality of fins (304), wherein the substrate is formed from an anisotropic material for transferring the heat from the panel unit to the fins of the heat sink unit. The plasma display panel thus has high heat conductive performance.